

8. Write a program which creates two threads, one thread displaying “BMS College of Engineering” once every ten seconds and another displaying “CSE” once every two seconds.

```
class BMS implements Runnable {
    Thread t;
    BMS() {
        t = new Thread(this, "BMS Thread");
        System.out.println("Child thread: " + t);
    }

    public void run() {
        try {
            while (true) {
                System.out.println("BMS College of Engineering");
                Thread.sleep(10000);
            }
        } catch (InterruptedException e) {
            System.out.println("Child interrupted");
        }
    }
}

class CSE implements Runnable {
    Thread t;
    CSE() {
        t = new Thread(this, "CSE Thread");
    }

    public void run() {
        try {
            while (true) {
                System.out.println("CSE");
                Thread.sleep(2000);
            }
        } catch (InterruptedException e) {
            System.out.println("Child interrupted");
        }
    }
}
```

```
class ThreadDemo {
    public static void main(String[] args) {
        BMS t1 = new BMS();
        CSE t2 = new CSE();
        t1.t.start();
        t2.t.start();
    }
}
```

```
C:\Users\sammj\OneDrive\Desktop\JAVA LAB\lab 8>java ThreadDemo
Child thread: Thread[#30,BMS Thread,5,main]
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College of Engineering
CSE
CSE
CSE
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BMS College of Engineering
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BMS College of Engineering
CSE
CSE
CSE
CSE
BMS College of Engineering
```

- 8) Write a program which creates two threads, one thread displaying "BMS College of Engineering" once every 10 seconds and another displaying "CSE" once every two seconds

```
class BMS implements Runnable
{
    Thread t;
    BMS()
    {
        t = new Thread(this, "BMS Thread");
        System.out.println("Child Thread: " + t)
    }
    public void run()
    {
        try
        {
            while (true)
            {
                System.out.println("BMS College of Engineering");
                Thread.sleep(10000);
            }
        }
        catch (InterruptedException e)
        {
            System.out.println("Child Interrupted");
        }
    }
}
```

```

class CSE implements Runnable
{
    Thread t;
    CSE()
    {
        t = new Thread(this, "CSE Thread");
    }
    public void run()
    {
        try
        {
            while(true)
            {
                System.out.println("CSE");
                Thread.sleep(2000);
            }
        }
        catch (InterruptedException e)
        {
            System.out.println("CSE Interrupted");
        }
    }
}

```

```

class ThreadDemo
{
    public static void main(String[] args)
    {
        BMS t1 = new BMS();
        CSE t2 = new CSE();
        t1.t.start();
        t2.t.start();
    }
}

```

23/12/23

Output

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

BMS College of Engineering

CSE

CSE

CSE

CSE

CSE

23/12/21